

Figure legend

Supplementary data 1. Generation of MARCH-I KO.

(A) Schematic representation of the strategy for gene targeting of MARCH-I. Exon 6 encoding RINGv domain, an E3 catalytic domain (RINGv), was deleted by cre-mediated recombination. Three loxP sequences (filled triangles), Neo cassette (Neo) and DTA cassette were inserted as indicated.

(B) Tail DNA from indicated mice was digested with Bgl II and analyzed by Southern blot with a specific probe indicated in A.

(C) MARCH-I protein expression was analyzed in each mouse by IP-western blot analysis. The band corresponding to endogenous MARCH-I was marked (*) as shown. Data are representative of three independent experiments.